## MAR 2 1 2005 E ABSTRACT OF THE DISCLOSURE

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The present invention relates to an immunogen comprising an HIV envelope protein bound to a ligand, which ligand upregulates at least one of the CD4 binding site and the CCR5 binding site on the protein, and bound to an HR-2 peptide. The invention also relates to a method of inducing anti-HIV antibodies using such an immunogen.